Pu Xia

List of Publications by Year
in descending order

28 papers	622 citations	623734 14 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	846 citing authors

#	Article	IF	Citations
1	Omics Advances in Ecotoxicology. Environmental Science & Technology, 2018, 52, 3842-3851.	10.0	123
2	Effects of captivity and artificial breeding on microbiota in feces of the red-crowned crane (Grus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	3.3	63
3	Functional Toxicogenomic Assessment of Triclosan in Human HepG2 Cells Using Genome-Wide CRISPR-Cas9 Screening. Environmental Science & Technology, 2016, 50, 10682-10692.	10.0	45
4	Benchmarking Water Quality from Wastewater to Drinking Waters Using Reduced Transcriptome of Human Cells. Environmental Science & Technology, 2017, 51, 9318-9326.	10.0	45
5	A Reduced Transcriptome Approach to Assess Environmental Toxicants Using Zebrafish Embryo Test. Environmental Science & Technology, 2018, 52, 821-830.	10.0	44
6	Toxicogenomics provides insights to toxicity pathways of neonicotinoids to aquatic insect, Chironomus dilutus. Environmental Pollution, 2020, 260, 114011.	7.5	34
7	A Tiered Approach for Screening and Assessment of Environmental Mixtures by Omics and <i>In Vitro</i> Assays. Environmental Science & Technology, 2020, 54, 7430-7439.	10.0	24
8	Pathway-based assessment of single chemicals and mixtures by a high-throughput transcriptomics approach. Environment International, 2020, 136, 105455.	10.0	21
9	In situ microbiota distinguished primary anthropogenic stressor in freshwater sediments. Environmental Pollution, 2018, 239, 189-197.	7.5	19
10	Activation of AhR-mediated toxicity pathway by emerging pollutants polychlorinated diphenyl sulfides. Chemosphere, 2016, 144, 1754-1762.	8.2	18
11	A high-throughput, computational system to predict if environmental contaminants can bind to human nuclear receptors. Science of the Total Environment, 2017, 576, 609-616.	8.0	18
12	Toxicogenomic Assessment of 6-OH-BDE47-Induced Developmental Toxicity in Chicken Embryos. Environmental Science & Technology, 2016, 50, 12493-12503.	10.0	17
13	Environmental risk assessment of polycyclic musks HHCB and AHTN in consumer product chemicals in China. Science of the Total Environment, 2017, 599-600, 771-779.	8.0	17
14	High-throughput transcriptomics: An insight on the pathways affected in HepG2 cells exposed to nickel oxide nanoparticles. Chemosphere, 2020, 244, 125488.	8.2	17
15	Cross-Model Comparison of Transcriptomic Doseâ€“Response of Short-Chain Chlorinated Paraffins. Environmental Science & Technology, 2021, 55, 8149-8158.	10.0	15
16	ToxChip PCR Arrays for Two Arctic-Breeding Seabirds: Applications for Regional Environmental Assessments. Environmental Science & Technology, 2021, 55, 7521-7530.	10.0	14
17	Concentration-dependent transcriptome of zebrafish embryo for environmental chemical assessment. Chemosphere, 2020, 245, 125632.	8.2	13
18	Molecular fingerprints of conazoles via functional genomic profiling of. Toxicology in Vitro, 2020, 69, 104998.	2.4	13

#	Article	IF	Citations
19	Mechanistic in silico modeling of bisphenols to predict estrogen and glucocorticoid disrupting potentials. Science of the Total Environment, 2020, 728, 138854.	8.0	11
20	Toxicological Mechanism of Individual Susceptibility to Formaldehyde-Induced Respiratory Effects. Environmental Science & Technology, 2022, 56, 6511-6524.	10.0	10
21	Effect-Directed Analysis Based on the Reduced Human Transcriptome (RHT) to Identify Organic Contaminants in Source and Tap Waters along the Yangtze River. Environmental Science & Technology, 2022, 56, 7840-7852.	10.0	10
22	Toxicogenomic Assessment of Complex Chemical Signatures in Double-Crested Cormorant Embryos from Variably Contaminated Great Lakes Sites. Environmental Science & Technology, 2020, 54, 7504-7512.	10.0	9
23	Qualitative and quantitative simulation of androgen receptor antagonists: A case study of polybrominated diphenyl ethers. Science of the Total Environment, 2017, 603-604, 495-501.	8.0	6
24	CRISPR screen identified that UGT1A9 was required for bisphenols-induced mitochondria dyshomeostasis. Environmental Research, 2022, 205, 112427.	7.5	6
25	Evidence-based assessment on environmental mixture using a concentration-dependent transcriptomics approach. Environmental Pollution, 2020, 265, 114839.	7.5	4
26	Dose-Dependent Transcriptomic Approach for Mechanistic Screening in Chemical Risk Assessment. , 2020, , 33-56.		3
27	Cytotoxic and Transcriptomic Effects in Avian Hepatocytes Exposed to a Complex Mixture from Air Samples, and Their Relation to the Organic Flame Retardant Signature. Toxics, 2021, 9, 324.	3.7	2
28	Relative sensitivities among avian species to individual and mixtures of aryl hydrocarbon receptorâ€“active compounds. Environmental Toxicology and Chemistry, 2016, 35, 1239-1246.	4.3	1